

**Altera Law Group, LLC**

**Declaration and Power of Attorney Patent Application  
(Design or Utility)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SEMICONDUCTOR OPTICAL DEVICE HAVING ASYMMETRIC RIDGE WAVEGUIDE  
AND METHOD OF MAKING SAME**

the specification of which

- is referred to by Altera reference number on a separate document
- is attached hereto
- was filed on \_\_\_\_\_ as application serial no. \_\_\_\_\_ and or PCT International Application number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 35 U.S.C. §365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate of PCT International application having a filing date before that of the application on which priority is claimed.

<b>Prior Foreign Application(s)</b>		
<b>Number</b>	<b>Country</b>	<b>Day/Month/Year Filed</b>
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

<b>Prior Provisional Application(s)</b>	
Serial Number 60/409730	Day/Month/Year Filing Date 11/09/2002
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>Prior U.S. or International Application(s)</b>		
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) that are associated with the following customer number to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David A. Carroll	Reg. No. 29,903	Michael B. Lasky	Reg. No. 29,555
Karen D. McDaniel	Reg. No. 37,674	Iain A. McIntyre	Reg. No. 40,337
Hallie A. Finucane	Reg. No. 33,172		

Customer No. 22865

I hereby authorize them or others whom they may appoint to act and rely on instructions from and communicate directly with the person/organization who/which first sends this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Altera Law Group, LLC otherwise.

Please direct all correspondence in this case to Altera Law Group, LLC at the address indicated below:

Altera Law Group, LLC  
6500 City West Parkway - Suite 100  
Minneapolis, MN 55344-7701

Customer No. 22865

Full Name of Sole or First Inventor		
Family Name CAI	First Given Name Li	Second Given Name
Residence and Citizenship		
City of Residence Shakopee	State or Country of Residence Minnesota	Country of Citizenship US
Post Office Address		
Street Address 6285 Oxford Road South	City Shakopee	State & Zip Code or Country MN, 55379
Signature of Inventor		Date

Full Name of Second Inventor, if any		
Family Name VAN HOVE	First Given Name James	Second Given Name M.
Residence and Citizenship		
City of Residence Eagan	State or Country of Residence Minnesota	Country of Citizenship US
Post Office Address		
Street Address 4377 Orior Lane	City Eagan	State & Zip Code or Country MN, 55123
Signature of Inventor		Date